UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,833,707 B1
APPLICATION NO. : 09/473569
DATED : December 21, 2004
INVENTOR(S) : Jeffrey R. Dahn

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5
Line 56, below " $\frac{dT}{dt} = \frac{h}{C'_{tot}} * \frac{du}{dt}$ " insert - - $P_c = H\ du/dt$ - -.

Column 6
Lines 7-8, delete "P_B" and insert - - P_a - -, therefor.

Line 7-8, after " $P_a = H_2\left|\frac{dx_2}{dt}\right| + H_1\left|\frac{dx_1}{dt}\right|$ " insert - - [13] - -.

Line 11, after " $\frac{dx_1}{dt} = -\gamma_1 \exp^{-E_1/k_b T}$ " insert - - [14] - -.

Line 15, delete "dx_2" and insert - - dx_1 - -, therefor.

Line 15, delete "$-E_2/k_b T$" and insert - - - $E_1/k_b T$ - -, therefor.
Line 15, after "and" insert - - [15] - -.
Line 38, delete " cathodelelectrolyte" and insert - - cathode/electrolyte - -, therefor.

Column 11
Line 25-27, Delete "The accelerating rate calorimeter 100 maintains a sample in adiabatic conditions once an exothermic reaction has been detected and measures sample temperature as a function of time." and insert the same on line 24 after "(model ARC-2000)".

Column 11
Line 53, after "of" delete "a".

Column 12
Line 53, after "onset" insert - - . - -.

Column 13
Line 44, delete "fill" and insert - - full - -, therefor.

Column 15
Line 63, after "K" insert - - . - -.

Column 18
Line 11, after "[14]" insert - - , - -.
Line 14, delete "$-E_2/k_b T$" and insert - - - $E_1/k_b T$ - -, therefor.

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Column 19
Line 21, delete "$[P_{ai}\rho_a+P_{ci}\rho_c+P_{ci}]$"and insert - - $[P_{ai}\rho_a+P_{ci}\rho_c+P_{ei}]$ - -, therefor.
Line 49, delete "$[P_{ai}\rho_a+P_{ci}\rho_c+P_{ci}]$"and insert - - $[P_{ai}\rho_a+P_{ci}\rho_c+P_{ei}]$ - -, therefor.
Line 61, delete "$(T_c - T_{can})$" and insert - - $(T_e - T_c)$ - -, therefor.
Line 66, delete "environmental" and insert - - cnvironmental - -, therefor.

Column 21
Line 6, delete "$(T_e - T_{can})$" and insert - - $(T_e - T_c)$ - -, therefor.
Line 13, delete "T_c" and insert - - T_e - -, therefor.
Line 14, delete "X_3;" and insert - - x_{3i} - -, therefor.

Column 23
Line 36, delete "y" and insert - - γ - -, therefor.
Line 61, delete "an d" and insert - - and - -, therefor.

Column 27
Line 18, after "302" delete ";" and insert - - . - -, therefor.
Line 51, delete "xio" and insert - - Xio - -, therefor.
Line 60, delete "^{0}c.)" and insert - - (^{0}c.) - -, therefor.

Column 28
Line 20-25, delete "Figure 19 shows a Cylindrical Calculation dialog box 400 which is presented to the designer in response to activating the Cylindrical Geometry button 392 provided in the Battery Geometry region 390. The designer may enter can length (cm) and radius (cm) values using Length and Radius input fields 402 and 404, respectively." and insert the same on line 19 after "394.".

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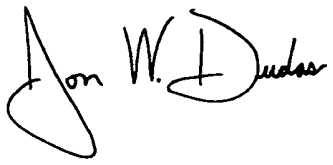
Column 29

Line 16, insert - - Alternatively, the instructions may be contained in other signal-bearing media, such as one or more magnetic data storage diskettes, direct access data storage disks (e.g., a conventional hard drive or a RAID array), magnetic tape, alterable or non-alterable electronic read-only memory (e.g., EEPROM, ROM), flash memory, optical storage devices (e.g., CDROM or WORM), signal-bearing media including transmission media such as digital, analog, and communications links and wireless, and propagated signal media (e.g., via communications link 129). In an illustrative embodiment, the machine-readable instructions may constitute lines of compiled "C" language code or "C++" object-oriented code. - - in line 16 as a new paragraph.

Signed and Sealed this

Twenty-sixth Day of September, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office